DENVER SC-2

2.4 GHz Wireless Baby Guard

User's Manual

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Please read all these safety and operating instructions completely.

Important Safety Precautions Before Setting Up 1

Congratulation on purchasing 2.4GHz Wireless Baby Guard. Before operating your Wireless Baby Guard, please read all these safety and operating instructions completely and then retain for future reference.

- To prevent entanglement, never place the transmitter in crib or playpen.
- Do not place the transmitter on any surface or mount it on any wall where the transmitter or its AC adapter cord are within reach of baby.
- Keep the transmitter and receiver out reach of children.
- Never use the transmitter or receiver near water. For example, do not use near a bathtub, washbowl, laundry tub, kitchen sink, in a wet basement. Etc.
- Disconnect the AC adapters from wall outlets during long periods of nonuse.
- Position the transmitter, receiver and AC adapters to allow adequate ventilation.
- Keep the transmitter out of direct sunlight.
- To prevent overheating, keep the transmitter, receiver and AC adapters away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) which produce heat.
- Use only the adapters provided. Use of any others may damage the transmitter and/or receiver.
- Plug into an electrical outlet with standard household power.
- Changes or modifications not approved by SELLER could void user's authority to operate the equipment.
- Do remember that you are using public airwaves when you use the Wireless Baby Guard and that sound and video may be broadcast to other 2.4GHz receiving devices. Conversations, even from rooms near the transmitter, may be broadcast. To protect the privacy of your home, always turn the transmitter off when not in use.

If you have any questions 10

Symptoms	Check Points
No power is Supplied to the Transmitter or Receiver.	● IS the power cord disconnected ? - Connect it. ● Transmitter /Receiver is not turned on - Slide the ON/OFF switch to the ON position. ● Wrong AC adapter used. - Use the AC adapter labeled output: 7.5V with the transmitter, 13.5V with the receiver.
No sound or Picture. Noisy sound or Picture.	● Channel switches are not the same setting. - Set the transmitter and the receiver to same channel. ● Signal interfere due to microwave oven . - Turn off the oven or remove it from path between transmitter and receiver. ● Signal interfere due to other signal producing devices. - Change the channel setting on both the transmitter and the receiver. - Identify and eliminate the source of interference. - Relocate the transmitter and /or receiver. ● Out of range. - Relocate the transmitter and /or receiver. ● Improper antenna position. - Adjust transmitter / receiver antenna orientation.

What else can the Wireless Baby Guard do for you 9

Auto-sequence function

With the Wireless Guard, user's can monitor a series of rooms for maximum supervision of the home (or office). The Wireless Baby Monitor can use up to four transmitters on four different channels, while the receiver can receiver signals on up to four different frequencies and display them in sequence. The wireless Baby Guard with four switches for four channels, when two or three or four switches put down, two or three or four channels display in sequence. Sequence interval time, displays at eight second intervals.

CH1~ 4 channel switch: setting up the automatic channel sequence function:

Setting down the channel switch that you wish to view, setting up the channel switch that you wish to deactivate.

Monitor to A/V function

The Wireless Baby Guard receiver unit has audio/video outputs which can be sued to transfer the picture and sound from the monitor screen to a TV screen. Connect the outputs to the A/V input on a TV set for a large screen display, or connect the outputs to a VCR to record transmissions for later viewing.

Connect wire camera

The Wireless Baby Guard receiver unit can be receive the picture and sound from the wire camera. Connect the Video input and Audio input to wire camera outputs, the unit can display the picture and sound.

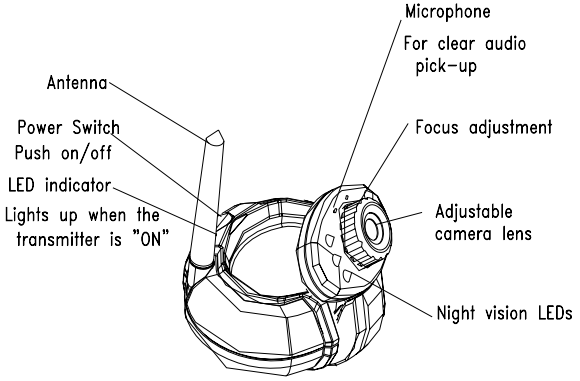
What You Get in This Package 2

The following elements should be included in the box. Please check that you have them all before installation.

- A transmitter with camera.
- A receiver with monitor.
- A 7.5V DC adapter for transmitter only.
- A 13.5V DC adapter for receiver only.

Warning: Two DC of adapters are included with the Wireless Baby Guard. The DC adapters can not be interchangeably used. Use the adapter labeled out OUTPUT: 7.5V DC with the transmitter. USE the adapter labeled OUTPUT: 13.5V DC with the receiver.

Getting To Know Your Wireless Baby Monitor 3

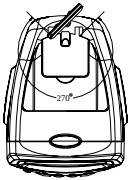


The automatic night Vision LEDS allow the transmitter to see Your baby even in a completely darkened room! Note: The video image displayed on he receiver may appear “snowy” when the transmitter is operating in darkness or very low levels of light.

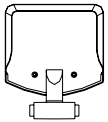
The transmitter can be wall mounted on the wall mount bracket, or it can be easily removed from the wall mount bracket for placement on a flat surface, such as a table top, dresser of shelf.
Note: The bracket does not rotate freely 360degrees.

Orienting Antennas for Optimal Performance 8

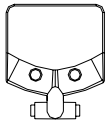
The Wireless Baby Guard Broadcasts its high-quality audio and video using directional antennas which mush be oriented in certain configurations for best results. The 2.4 GHz audio/video antennas have been designed to pivot and have limited rotation in either clockwise or counter clockwise directions.
Warning：See instructions shown below for rotating antennas. Rotation antennas beyond the specified range will result in permanent damage to both antennas and the mechanical stopper. Antenna does not rotate over 270 degrees.



Maximum rotation of audio/video Antenna shown.



Rear View



Front View

In most situations, the flat pitted face of the A/V antennas on both the transmitter and receiver should be facing one another. Since all rooms are different, for optimal reception, additional slight pivots or rotations may be necessary. If the transmitter and receiver are less than 10 feet apart, keep the A/V antennas flat in their casings.

Setting Up your Wireless Baby Guard 7

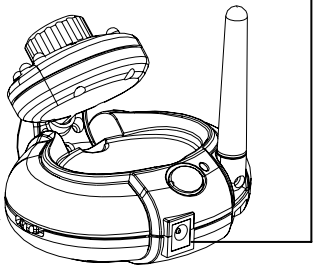
If you wish to wall mounting the transmitter, it is recommended that the reception of the Video Monitor be tested before installing the wall mount bracket. Have one adult hold the transmitter against the wall at the selected mounting area while another adult moves the receiver to a variety of locations throughout the house to check reception.
If interference or other problems develop, please refer to check the section of this User's Guide titled "if you Have Any Questions". You may need to select a different location in the room for mounting. The following steps show you how to set up the Wireless Baby Guard:

- Make sure the transmitter and receiver are set to the same channel. (CH1, 2, 3, or 4)
- Plug the jack on the 7.5V DC adapter cord into the DC adapter socket on the back of the transmitter.
- Plug the DC adapter into a standard wall outlet.
- Slide the ON/OFF switch on the side of the transmitter to the ON position. The power indicator will light.
- Adjust the angle and focus of the camera lens for best view of baby. Point the microphone pick-up directly toward baby.
- Position the antenna so that it points to the ceiling.
- Plug the jack on the 13.5V DC adapter cord into the DC adapter socket on the back of the receiver.
- Plug the AC adapter into a standard wall outlet. Turn the receiver on.
- Adjust the volume switches to a comfortable level.
- Adjust the video image using the V-Hold (vertical hold), Contrast and adjustment switch on the side of the receiver.
- Locate and orient the antennas on both the transmitter and receiver according to the section of this User's Guide Titled "Orienting Antennas for Optimal Performance."

Getting To Know Your Wireless Baby Monitor 4

Transmitter-----Rear view

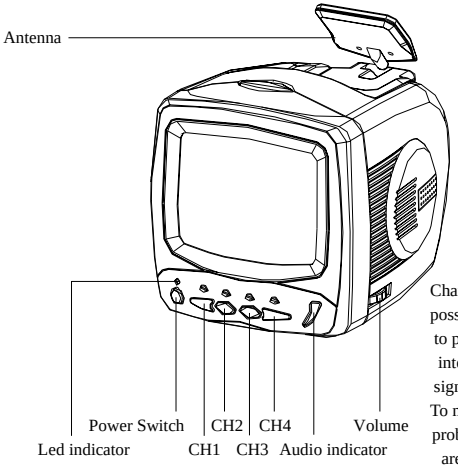
DC In
Power adapter plug.



Channel 1 2 3 4

Channel selection. It is possible for the receiver to pick up sounds or display interference from other signal producing devices. To minimize the potential for this problem, four channels are available for use. Make sure that the transmitter and receiver are set to the same channel.

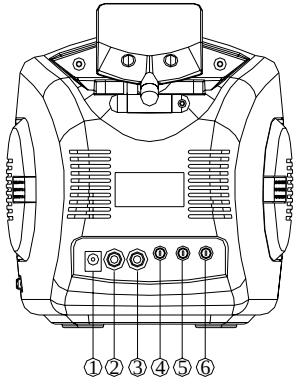
Front View



Channel selection. It is possible for the receiver to pick-up sounds or display interfere from other signal producing devices. To minimize this potential problem, four channels are available for use.

Make sure that the transmitter and receiver are set to the same channel.

Rear View



① DC 13.5V power adapter plug
② Video output jack
③ Audio input jack
④ V-hold control
⑤ Bright Control
⑥ Contrast control

Specifications 11

Rx Description		
Video System	NTSC	PAL
Receiver Frequency	2.4GHz	2.4GHz
Max. Range (clear line of sight)	300 feet	300 feet
Receiver Antenna	Directional	Directional
Receiver Sensitivity	-25~ -90dBm	-25~ -90dBm
Sound		
Max. Output	600mW	600mW
The output 10%	500mW	500mW
Picture		
Hor. Pull-in +	200Hz	200Hz
-	200Hz	200Hz
Hor. Hold +	400Hz	400Hz
-	400Hz	400Hz
Vert. Range	6 Hz	6 Hz
Linearity V	15%	15%
H	15%	15%
Pincushion V/H	3%	3%
Barrel Dist V/H	3%	3%
Keystone Distortion	3%	3%
Scan Redisplay Rat	90%	90%
V H	90%	90%
Resolution at center	250 lines	250 lines
V H	300 lines	300 lines
Luminance Max	100 cd/m2	100 cd/m2
Current Consumption	1000 mA	1000 mA
Power Supply	DC 13.5V	DC 13.5V

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TX Description		
Video System	NTSC	PAL
Transmitter Frequency	2.4GHz	2.4GHz
Max. Range (clear line of sight)	300 feet	300 feet
Transmitter Antenna	Directional	Directional
Transmitter Sensitivity	0dBm	10dBm CE
Number of Effective Pixels	FCC 320×240	352×288
Picture of color	B/W 1/3”	
Optical Size	2:1 interlace	
Scanning system	240 (h)	
Resolution (TV line)	1/60 – 1/6000 sec.	
Auto Exposure		
Camera Correction	Auto	
Backlight	Indoor only	
Compensation	1 to 2 m	
Indoor /outdoor	2 -3meters	
Night – time		
MIC. Sensitivity		
Aux. Input	1×video, 2×audio	
White Balance	auto	
Number of Channels	4	
Current Consumption	500mA	
Power Supply	DC 7.5V	